PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER 1717461							
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see CFR 1.5)						
	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORI DATE CLAIMED						
PCT/JP	2004/017468	November 25, 2004	November 25, 2003						
TITLE OF INVENTION  Method for Generating broadband light sideband and apparatus for generating broadband light sideband									
APPLICANT(S) FOR DO/EO/US HISATAKE, et al.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.									
2. 🔲 1	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.								
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. 🔲 -	The US has been elected (Article 31).								
5. 🗹	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a.  is attached hereto (required only if not communicated by the International Bureau).								
	b. 🔽 has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. 🔽 is attached hereto.								
	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. 🗹	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Bureau).								
	b. have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
_	d. Mave not been made and v	will not be made.							
8. 📙	An English language translation of the	ne amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).						
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	examination Report under PCT						
Items 11 to 20 below concern document(s) or information included:									
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.							
12. 🔲	An assignment document for recording	ng. A separate cover sheet in compliance wi	ith 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.								
14.	An Application Data Sheet under 37 (	CFR 1.76.	•						
15. 🔲	A substitute specification.								
16.	A power of attorney and/or change of	f address letter.							
17. 🔲	A computer-readable form of the seq	uence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published Intern	national Application under 35 U.S.C. 154(d)	(4).						
19. 🗹	A second copy of the English language	ge translation of the international application	n under 35 U.S.C. 154(d)(4).						
20. 🗸	Other items or information: ISR, Pu	blished PCT App., PCT Forms, Expres	s Mail Cert. Label No. EU 250 194 525 US						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL			) INTERNATIONAL A	PPLICATION NO.	ATTORNEY'S DOCKET NUMBER				
PCT/JP2004/017468			8	1717461					
The following fees have been submitted					CALCULATIONS	PTO USE ONLY			
21. 🔽 Basic n	ational fee	\$ 300							
22.  Examina If International preliperations 32(1 All other situations.	)-(4)	\$ 200							
23. Search Search fee (37 CFR International International Search All other situations	1.445(a)(2)) has Searching Aut Report prepar	\$ 400							
TC	TAL OF 21, 22	\$ 900							
Additional fee for sequence listin The fee is \$25	or specification g or computer								
Total Sheets	Extra Sheets		n additional 50 or fraction u <b>p</b> to a whole number)	RATE					
16 - 100 =	0 /50 =	0		x \$250	<b>\$</b> 0				
Surcharge of \$130.0 claimed priority date		\$ 130							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$				
Total claims		- 20 =		x \$50	\$				
Independent claims		- 3 =	0	x \$200	\$ 0				
MULTIPLE DEPEN	DENT CLAIM(S	S) (if applicable)		+ \$360	\$ 0				
			TOTAL OF ABOVE	CALCULATIONS =	\$ 515.00				
✓ Applicant claim	s small entity s								
				SUBTOTAL =	\$ 515.00				
Processing fee of \$ claimed priority date		\$ <sub>0</sub>							
			TOTA	L NATIONAL FEE =	\$ 515.00				
Fee for recording th by an appropriate o		\$ <sub>0</sub>							
			TOTAL I	EES ENCLOSED =	\$ 515.00				
		Amount to be refunded:	\$						
					Amount to be charged:	\$			
a. A check in the amount of \$_515.00 to cover the above fees is enclosed.									
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0305. A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 3.337 (a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Robert J. Schnei	der	<i></i>							
Chapman and Cu		an							
111 West Monro									
(312) 845-3919									
		ON NUMBER							

## Express Mail Certificate

Express Mail Label Number:

EU 250 194 525 US

Date of Express Mail Deposit:

May 24, 2006

Attorney Docket Number:

1717461

Based on Application:

PCT/JP2004/017468

I hereby certify that the attached documents, including the above-referenced Patent Application (HISATAKE, et al., inventors), with Transmittal Letter, application data sheet, preliminary amendment, specification, drawings, check, return post card, and related PCT documents, together with this Express Mail Certificate, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and are addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Jane S. Berman, Registration No. 43,494

May 24, 2006

Date of Signature